

In RE application of Y. KIYOTOKI et al

Serial No.: 10/083,355

Group Art Unit: 3754

Filed: February 27, 2002

Examiner:

For: JOINT CONSTRUCTION OF COBALT-BASED ALLOY

Assistant Commissioner for Patents  
Washington, D.C. 20231

RECEIVED  
OCT 18 2002  
TECHNOLOGY CENTER R3700

Sir:

Transmitted herewith is an Amendment in the above-identified application.

- ☐ Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.
- ☐ No additional fee is required.

The fee has been calculated as shown below:

	(COL. 1)		(COL. 2)		(COL. 3)
	Claims Remaining After Amendment		Highest No. Previously Paid For		Present Extra
Total	• 38	Minus	•• 20	=	18
Indep.	• 3	Minus	••• 5	=	0
<input type="checkbox"/> First Presentation of Multiple Dependent Claims					

## SMALL ENTITY

Rate	Additional Fee
x 9	\$
x 42	\$
+ 140	\$
Total	\$

OR

## OTHER THAN A SMALL ENTITY

Rate	Additional Fee
x 18	\$ 324
x 84	\$ 0
+ 280	\$ 0
Total	\$ 324

OR

- If the entry in Col. 1 is less than the entry in Col. 2, write '0' in Col. 3.
- If the 'Highest Number Previously Paid For' IN THIS SPACE is less than 20, write '20' in this space.
- If the 'Highest Number Previously Paid For' IN THIS SPACE is less than 3, write '3' in this space.
- The 'Highest Number Previously Paid For' (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior Amendment or the number of claims originally filed.

- ☐ Please charge my Deposit Account No. 50-1417 in the amount of \$ \_\_\_\_\_.
- ☒ A check in the amount of \$ 324.00 is attached in payment of:  
Additional claims fee.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1417.
- ☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR 1.17.
- ☒ Any Extension of Time fees that are necessary, which are hereby requested if necessary.

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Date: October 16, 2002

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6/B  
w/ R. S. T.  
D.C.  
10-21-02  
A. L. L.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Y. KIYOTOKI et al

Serial No. 10/083,355

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SECOND PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

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Sir:

Prior to the examination thereof, please amend the above-identified application as follows.

IN THE CLAIMS

Cancel claims 14 and 15, and add new claims 16-40 as set forth below.

Sub C1  
B1  
--16. The joint construction of cobalt-based alloy material according to claim 3, wherein the grain size of said eutectic carbide is not larger than 30  $\mu\text{m}$ .

--17. The joint construction of cobalt-based alloy material according to claim 3, wherein said base metal portion is formed of any of carbon steel, low alloy steel, and stainless steel.